

PUBLIC NOTICE

PERMIT APPLICATION: NRS 06-272

APPLICANT: City of Trenton
Department of Light and Water
P.O. Box 260
Trenton, TN 38382
(731) 855-1561

LOCATION: West of College Street and south of the North Fork of the Forked Deer in the northwestern portion of the city. Latitude 35.0947; longitude - 89.6397; Trenton, Gibson County.

WATERSHED DESCRIPTION: North Fork of the Forked Deer (HUC 08010204). Surrounding land use is existing lagoon, wetlands, field and light commercial... The wetlands are both wooded and herbaceous. Species include rice cutgrass, woolgrass, black willow, sycamore, green ash, river birch and others. The wetlands are considered to be Tier 1.

PROJECT DESCRIPTION: The proposed project involves the construction of a new wastewater treatment facility. The proposed project will consist of a high performance, completely mixed, aerated lagoon wastewater treatment facility to treat waste loads for the next 20 years. The proposed project also consists of the closure of the existing lagoon wastewater treatment facility and constructing a new interceptor sewer pipeline along Cain Creek. Approximately 3000 linear feet of new 21-inch gravity sewer line will be constructed.

The proposed lagoon will also include a disinfection system, effluent flow meter, and a laboratory and chlorination/dechlorination building. Treated wastewater will be transported from the new facility to the Cain Creek confluence with the North Fork of the Forked Deer through a 120-inch gravity outfall sewer.

The expansion will require permanent impacts to 3.6 acres of jurisdictional wetland and temporary impacts to 1.5 acres. In addition, the city proposes to provide compensatory mitigation to resolve past impacts to 0.3 acres from an adjacent commercial facility.

The applicant has tested the sludge in the existing lagoon. The results were compared to the concentrations allowable for land application of sewage sludge per 40 CFR Part 503- Standards for the Use and Disposal of Sewage Sludge in order to determine sludge toxicity. The results of the analysis are all well below those allowable for land application of sewage sludge and should be suitable for use in wetland mitigation without further treatment.

Compensatory mitigation will occur onsite. It will consist of the restoration of wetlands within the existing 36 acre lagoon that will be closed. The applicant will use 7.8 acres to offset impacts of 3.6 to the lagoon and the addition 0.3 from the commercial facility and reserve the remaining 28.2 acres for future use. The applicant proposes to remove the existing levee along the site to allow complete drainage of the lagoon. Two spillways will be installed along the berm adjacent to the river. Using the data from the USGS river gauge located on the North Fork at State Highway 77 bridge east of Trenton the applicant has concluded that the restored wetlands will be inundated for at least six weeks each spring under normal circumstances. The entire 36 acres will be become inundated once the water level exceeds an elevation of 313.19 (NAVD 1988). During each inundation the

**TRENTON
NRS 06.272
PAGE 2.**

site will be approximately 2.3 feet deep. The site will be planted with herbaceous wetland species sufficient to obtain an 80% aerial coverage after five years.

The proposed sewer line wetland crossing shall be constructed according to standard protocol which consists of the segregation of the top and subsoil, placement of plugs or collars within the trench, the replacement of the soil in the manner in which it was removed and the establishment of pre-existing contours.

The applicant shall monitor the wetland mitigation site and submit annual reports to this office.

The division's Land Use Restrictions shall be placed on the mitigation areas.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality.

USGS TOPOGRAPHIC QUADRANGLE: Trenton 437-NW

PERMIT COORDINATOR: Mike Lee

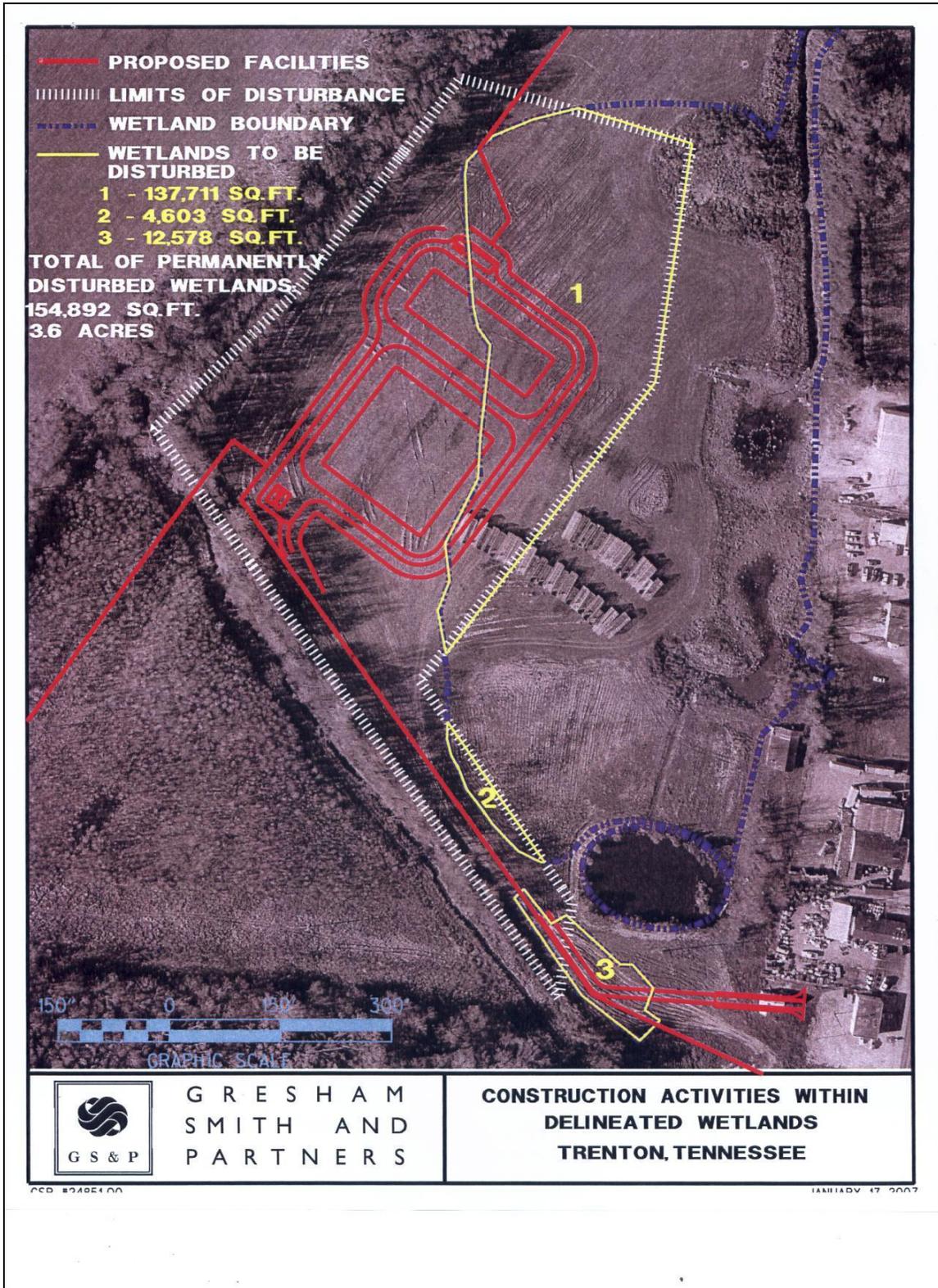
No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

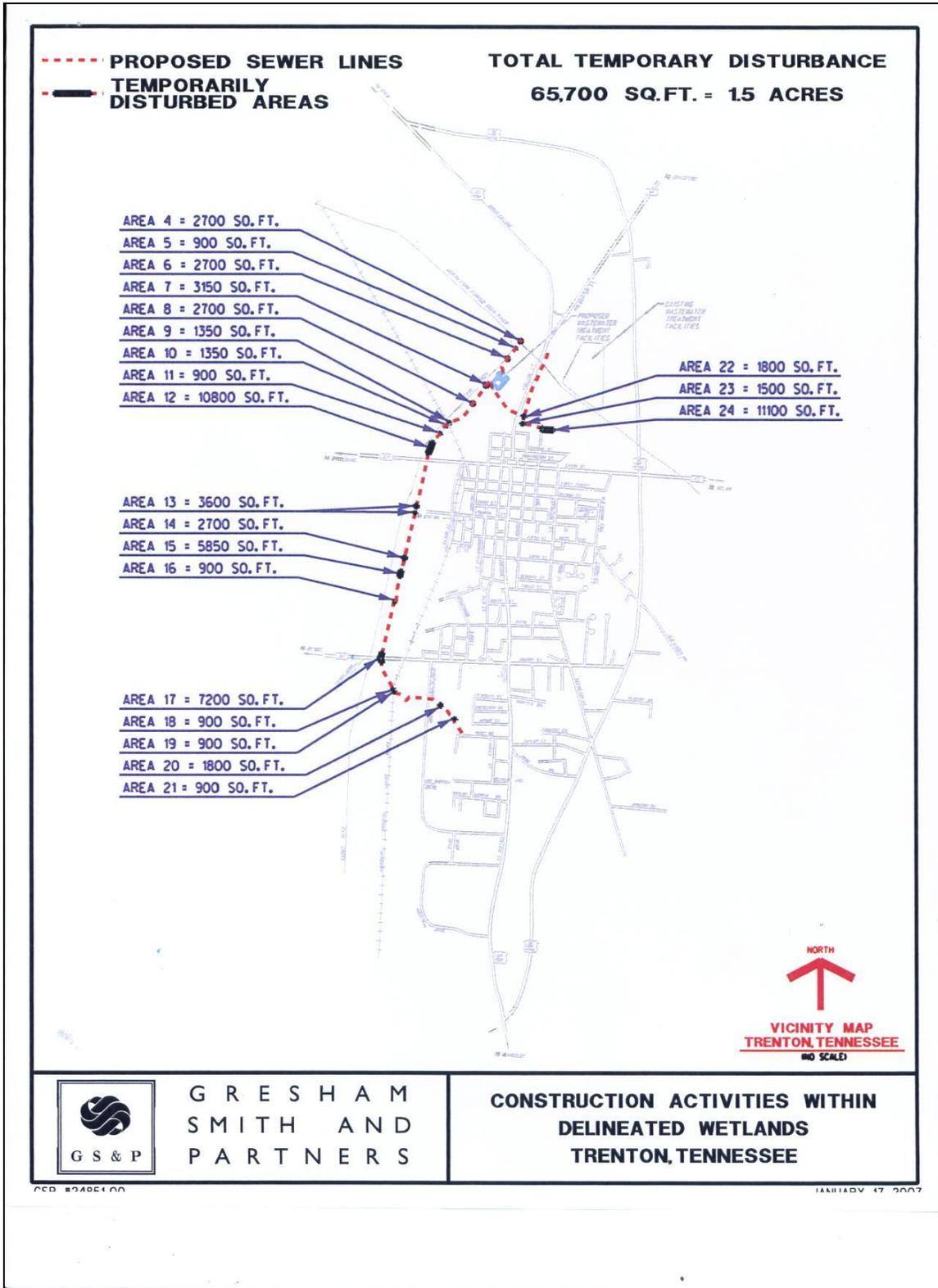
Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

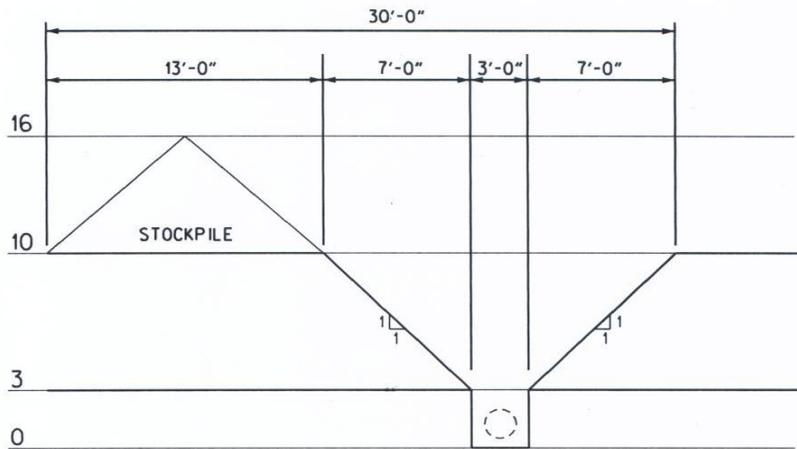
The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

Tennessee Department of Environment & Conservation
Division of Water Pollution Control, Natural Resources Section
7th Floor L & C Annex
401 Church Street
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments on record and the requirements of applicable federal and state laws.







TYPICAL TRENCH DETAIL
LIMITS OF DISTURBANCE
NOT TO SCALE



G R E S H A M
S M I T H A N D
P A R T N E R S

CONSTRUCTION ACTIVITIES WITHIN
DELINEATED WETLANDS
TRENTON, TENNESSEE

Figure 3 - Existing Wastewater Lagoon

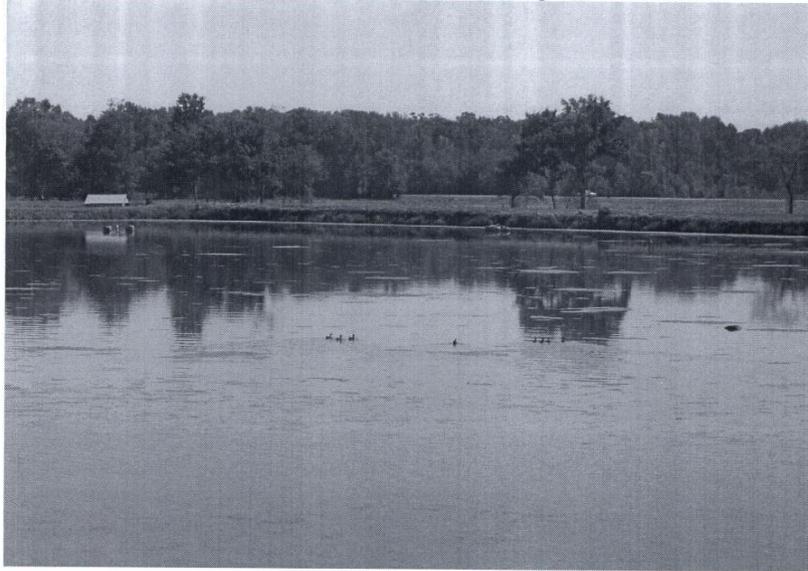


Figure 4 - Existing Wastewater Lagoon

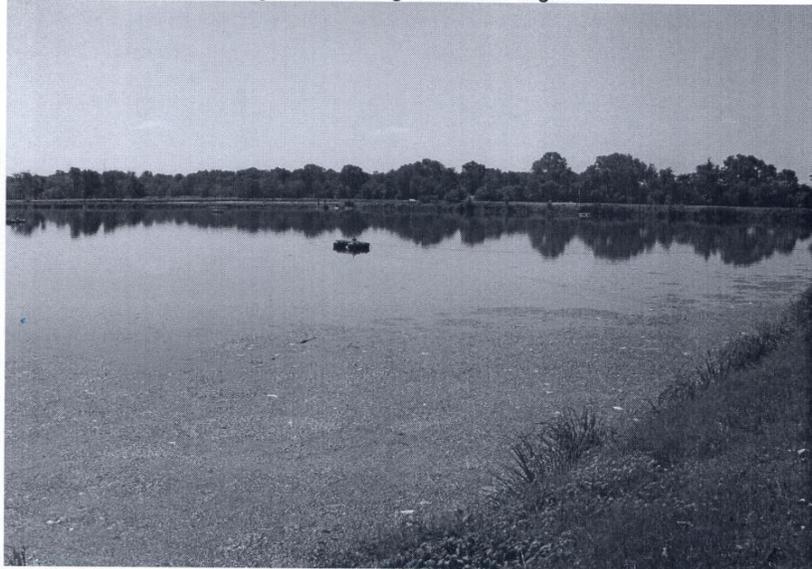


Figure 5 - Proposed Wastewater Lagoon Site

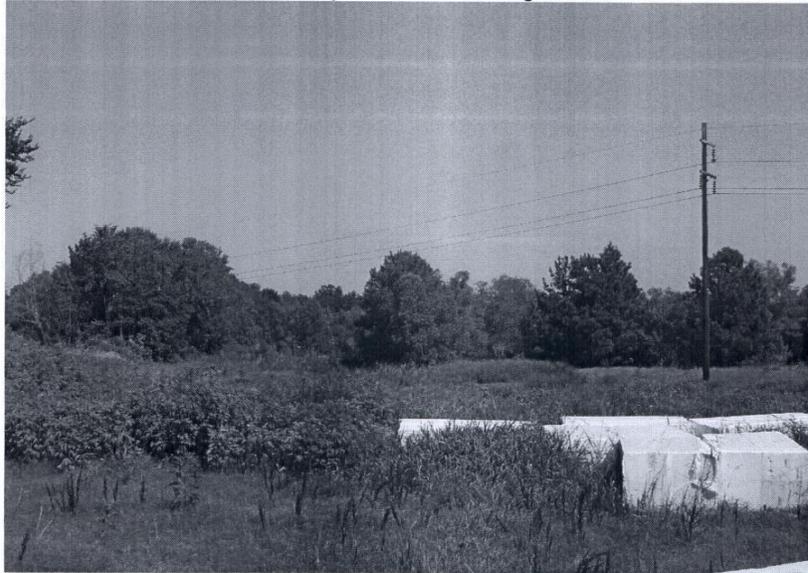


Figure 6 - Proposed Wastewater Lagoon Site



